

**Indian Railways introduces indigenously developed biotoilets in
Guwahati – Chennai Express.**

Indian Railways has introduced biotoilets developed jointly by Defence Research & Development Organisation (DRDO) and IR in one of its long distance trains. Integral Coach Factory has turned out coaches with IR-DRDO biotoilets for Guwahati-Chennai Egmore Express. The train covers more than 5000 Kms in a round trip of Guwahati-Chennai-Guwahati in more than 100 hrs. of travel.

This effort is a part of IR's effort to upgrade cleanliness and hygiene in and around tracks and Station areas. Biotoilets are already running in some other trains including New Delhi-Rewa Express and Gwalior-Varanasi Bundelkhand Express. Five more rakes having 300 biotoilets are targeted to be turned out by RCF/Kapurthala by March 2012. These coaches will run in Jammu Tawi-Indore Malwa Express, Nizamuddin-Indore Express, Gwalior-Indore Intercity Express , Varanasi-Mumbai Mahanagari Express and Mumbai-Lucknow Pushpak Express. This is culmination of efforts made by Joint Working Group consisting of DRDO Biotechnologists and Indian Railways Mechanical Engineers. The Joint Working Group is working continuously for further design improvements and implementation of green toilets on a larger scale for a cleaner railway eco-system.
